

ANTIMICROBIAL PAPER AND PACKAGING MATERIAL

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Applicant: TOYO INK MFG CO LTD
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Abstract of JP11222796

PROBLEM TO BE SOLVED: To obtain an antimicrobial paper and a packaging material capable of inhibiting proliferation of bacteria and retaining freshness of food raw material, or the like.

SOLUTION: This antimicrobial paper comprises a calcium oxide type backed material obtained by baking seashell or a calcium hydroxide type baked material which is its hydrate. the antimicrobial paper is obtained by paper making calcium (hydr)oxide type baked material into pulp or impregnating a coating solution containing calcium oxide type baked material or calcium hydroxide type baked material which is its hydrate into paper or applying the coating solution to paper. The packaging material is obtained by using the antimicrobial paper. The seashell includes a seashell of oyster, scallop, hard clam, turban shell, abalone or blue mussel.

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27. Antibacterial paper for food packaging

CAS SECTION- 143

CAS SUBSECTION- 007

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**INTERNATIONAL PATENT CLASS- D21H0213600; A01N0590600; B65D0812800;
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NO-ABSTRACT

IDENTIFIER(S)- calcium oxide antibacterial paper food packaging; shell baking calcium oxide antibacterial paper

CAS REGISTRY/EC NUMBER(S)- 1305-62-0 HEADING PARENT- Calcium hydroxide

CAS REGISTRY/EC NUMBER(S)- 1305-78-8 HEADING PARENT- Calcium oxide